

Table 3-6

**Groundwater and Surface Water Field Parameters
Range I, Parcel 201(7)
Fort McClellan, Calhoun County, Alabama**

Sample Location	Sample Date	Sample Media	Specific Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Temperature (°C)	Turbidity (NTU)	pH (SU)
RNG-201-MW01	31-Jan-02	GW	0.083	11.15*	205	17.6	9.6	5.34
RNG-201-MW02	25-Sep-01	GW	0.063	11.58*	371	18.0	29	6.28
RNG-201-MW03	1-Feb-02	GW	0.044	9.90	228	13.3	21	5.58
RNG-201-MW04	25-Sep-01	GW	0.417	5.80	297	23.9	9.9	7.06
RNG-201-SW/SD02	29-Aug-01	SW	0.131	0.97	135	22.3	13	6.41

* Result artificially elevated due to air in flow-through cell.

°C - Degrees Celsius.

GW - Groundwater.

mg/L - Milligrams per liter.

mS/cm - Millisiemens per centimeter.

mV - Millivolts.

NR - Not recorded.

NTU - Nephelometric turbidity units.

ORP - Oxidation-reduction potential.

SU - Standard units.

SW - Surface water.

Table 3-7

Surface Water and Sediment Sample Designations and Analytical Parameters
Range I, Parcel 201(7)
Fort McClellan, Calhoun County, Alabama

Sample Location	Sample Designation	Sample Matrix	QA/QC Samples ^a		Analytical Parameters
			Field Duplicates	MS/MSD	
RNG-201-SW/SD02	RNG-201-SW/SD02-SW-HU2002-REG	Surface Water			TCL VOCs, TCL SVOCs, TAL Metals, Explosives, CWM Breakdown products.
	RNG-201-SW/SD02-SD-HU1002-REG	Sediment			TCL VOCs, TCL SVOCs, TAL Metals, Explosives, CWM Breakdown products, TOC.

^a No QA/QC samples specified in site-specific field sampling plan.

MS/MSD - Matrix spike/matrix spike duplicate.

QA/QC - Quality assurance/quality control.

REG - Field sample.

CWM - Chemical warfare material.

SVOC - Semivolatile organic compound.

TAL - Target analyte list.

TCL - Target compound list.

TOC - Total organic carbon.

VOC - Volatile organic compound.

Table 3-8

**Variances to the Site-Specific Field Sampling Plan
Range I, Parcel 201(7)
Fort McClellan, Calhoun County, Alabama**

Variance to the SFSP	Justification for Variance	Impact to Site Investigation
Surface water and sediment samples were not collected at sample locations RNG-201-SW/SD01 and RNG-201-SW/SD03. Depositional soil samples were collected at these locations.	Surface water and sediment were not present in the creek at the time of sample collection.	None. Data from the depositional soil samples was used to determine the presence or absence of contamination.
Analysis for lewisite breakdown products was not performed on soil samples collected at RNG-201-GP04.	Lewisite breakdown product analysis was not performed on the samples because of insufficient soil volume. Resampling was deemed unnecessary because lewisite breakdown products were not detected in any of the other soil samples collected at the site.	None. Data from the remaining soil samples collected at the site provided adequate information to assess site conditions.

SFSP - Site-specific field sampling plan.